**Grade 8 Science Cell Analogy Project Assessment Rubric**

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|  | **Advanced** | **Proficient** | **Partially Proficient** | **Below Proficiency** |
| **Content** | Every required organelle is present and each has its own analogy.  A sophisticated understanding of a cell’s organelles is displayed through each analogy. Every analogy fits perfectly with its organelle’s function.  It is apparent that the student(s) used a wide variety of resources to build their understanding. | Almost all (85%) of the required organelles are present and each has its own analogy.  A good understanding of a cell’s organelles is displayed through each analogy. Every analogy fits acceptably with its organelle’s function.  It is apparent that the student(s) used a variety of resources to build their understanding. | Some ( 75%)of the required organelles and/or analogies are present.  Some understanding of a cell’s organelles is displayed through the analogies. Some analogies fit acceptably with the organelle’s function.  It is apparent that the student(s) used some resources to build their understanding. | Some ( 75%)of the required organelles and/or analogies are present.  Little understanding of a cell’s organelles is displayed through the analogies.  It is apparent that the student(s) used few resources to build their understanding. |
| **Organization** | The project is neatly made and very easy to follow and understand.  There are no spelling or grammatical errors.  Written projects are typed (not hand written.) | The project is neatly made and usually easy to follow and understand.  There are very few spelling and/or grammatical errors.  Written projects are typed (not hand written.) | The project is fairly neat made and parts are easy to follow and understand.  There are some spelling and/or grammatical errors.  Written projects are  typed (not hand written.) | The project is not carefully made and is often not easy to follow or understand.  There are large number of spelling and/or grammatical errors.  Written projects are  typed (not hand written.) |
| **Creativity** | Analogies are unique, showing creative thought and excellent understanding.  Project is very creative. Either the artwork is well drawn and colorful or the model is thoughtfully built using a variety of objects or the performance is original and well rehearsed. | Most of the analogies are unique, showing thought and good understanding.  Project is creative. The artwork is neat and colorful or the model is thoughtfully built using a variety of objects or the performance is original and rehearsed. | Some of the analogies are unique. They show a basic understanding of the topic.  Project is somewhat creative. The artwork fairly neat and colorful or the model is built using a variety of objects or the performance is original and partially rehearsed. | The analogies are not unique. They do not demonstrate a basic understanding of the topic.  Project is not particularly creative. The artwork is sloppy or the model is partially built or the performance is not rehearsed and therefore contains mistakes. |
| **Collaboration**  **Not applicable for students choosing to work alone.**   |  | | --- | |  | | Consistently stays focused on the task and what needs to be done.  Very self-directed.  Follows through on tasks. Does not depend on others to do the work.  Work is shared evenly. | Focuses on the task and what needs to be done most of the time.  Partner can count on this person.  Follows through on most assigned tasks. | Focuses on the task and what needs to be done some of the time. Partner must remind this person to stay on task.  Does not follow through on most assigned tasks. Sometimes depends on others to do the work. | Rarely focuses on the task and what needs to be done. Allows others to do the work.  Seldom or never follows through on tasks. Depends on others to do most of the work. |
| **Bibliography**  All projects are required to have a bibliography citing sources. No project will be accepted without a bibliography. | | | | |

**Minimum Required Organelles:**

Nucleus, Cell Membrane, Ribosome, Mitochondrion, Golgi Complex, Lysosome, Endoplasmic Reticulum, Cell wall, Chloroplast, Vacuoules